

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
 Data File : BM010619.D
 Acq On : 21 Jun 2017 12:34
 Operator : SJ/JU
 Sample : I3627-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5A45

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.645	633	639	649	rVB	152957	254841	18.37%	1.682%
2	6.816	662	668	675	rBB	114550	163222	11.76%	1.077%
3	6.998	694	699	709	rBB	161011	247019	17.80%	1.631%
4	7.463	772	778	787	rVB	227461	342015	24.65%	2.258%
5	8.169	891	898	905	rBB	215495	314788	22.69%	2.078%
6	8.610	966	973	979	rBV	155688	236967	17.08%	1.564%
7	9.322	1088	1094	1101	rVB2	142103	219388	15.81%	1.448%
8	9.851	1178	1184	1192	rBB	230354	363954	26.23%	2.402%
9	10.227	1241	1248	1255	rBV	325711	517744	37.31%	3.418%
10	10.369	1266	1272	1282	rBV	147245	237587	17.12%	1.568%
11	13.539	1805	1811	1815	rBV	455211	641295	46.22%	4.233%
12	13.580	1815	1818	1826	rVB	202659	274322	19.77%	1.811%
13	13.804	1850	1856	1863	rBV	475000	658641	47.47%	4.348%
14	14.115	1903	1909	1917	rBV2	530349	774888	55.85%	5.115%
15	14.321	1938	1944	1951	rBV2	202067	268860	19.38%	1.775%
16	15.004	2056	2060	2065	rBV2	13806	17720	1.28%	0.117%
17	15.115	2073	2079	2086	rBV	648976	885822	63.84%	5.847%
18	15.239	2095	2100	2105	rBV	185460	239726	17.28%	1.582%
19	15.874	2201	2208	2214	rBV3	14429	23673	1.71%	0.156%
20	16.656	2338	2341	2349	rBV5	8720	14911	1.07%	0.098%
21	16.868	2371	2377	2383	rBV	763446	1050305	75.70%	6.933%
22	16.968	2388	2394	2400	rBV2	780046	1039257	74.90%	6.860%
23	17.792	2529	2534	2541	rBV3	85963	111997	8.07%	0.739%
24	18.939	2726	2729	2732	rBV2	26108	31060	2.24%	0.205%
25	19.092	2751	2755	2759	rBV2	70407	86999	6.27%	0.574%
26	19.280	2778	2787	2799	rBV	968016	1340337	96.60%	8.847%
27	20.821	3045	3049	3054	rBV2	78983	96096	6.93%	0.634%
28	21.086	3088	3094	3099	rBV	1137390	1387503	100.00%	9.159%
29	21.691	3195	3197	3204	rVB8	21252	31959	2.30%	0.211%
30	22.621	3351	3355	3358	rBV3	61290	78511	5.66%	0.518%
31	23.091	3428	3435	3441	rBV2	729797	1283839	92.53%	8.474%
32	23.156	3442	3446	3451	rVV4	82666	134184	9.67%	0.886%
33	23.227	3451	3458	3467	rVB2	714288	1253830	90.37%	8.276%
34	23.732	3542	3544	3545	rBV2	23117	19490	1.40%	0.129%

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ALS Vial : 4 Sample Multiplier: 1

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Integration Parameters: LSCINT.P

Integrator: RTE
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Sampling : 1
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Filtering: 5
Min Area: 1 % of largest Peak
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	23.768	3546	3550	3556	rvB4	94818	166189	11.98%	1.097%
36	24.468	3665	3669	3676	rvB4	88530	176287	12.71%	1.164%
37	25.285	3804	3808	3817	rvB6	68588	164529	11.86%	1.086%

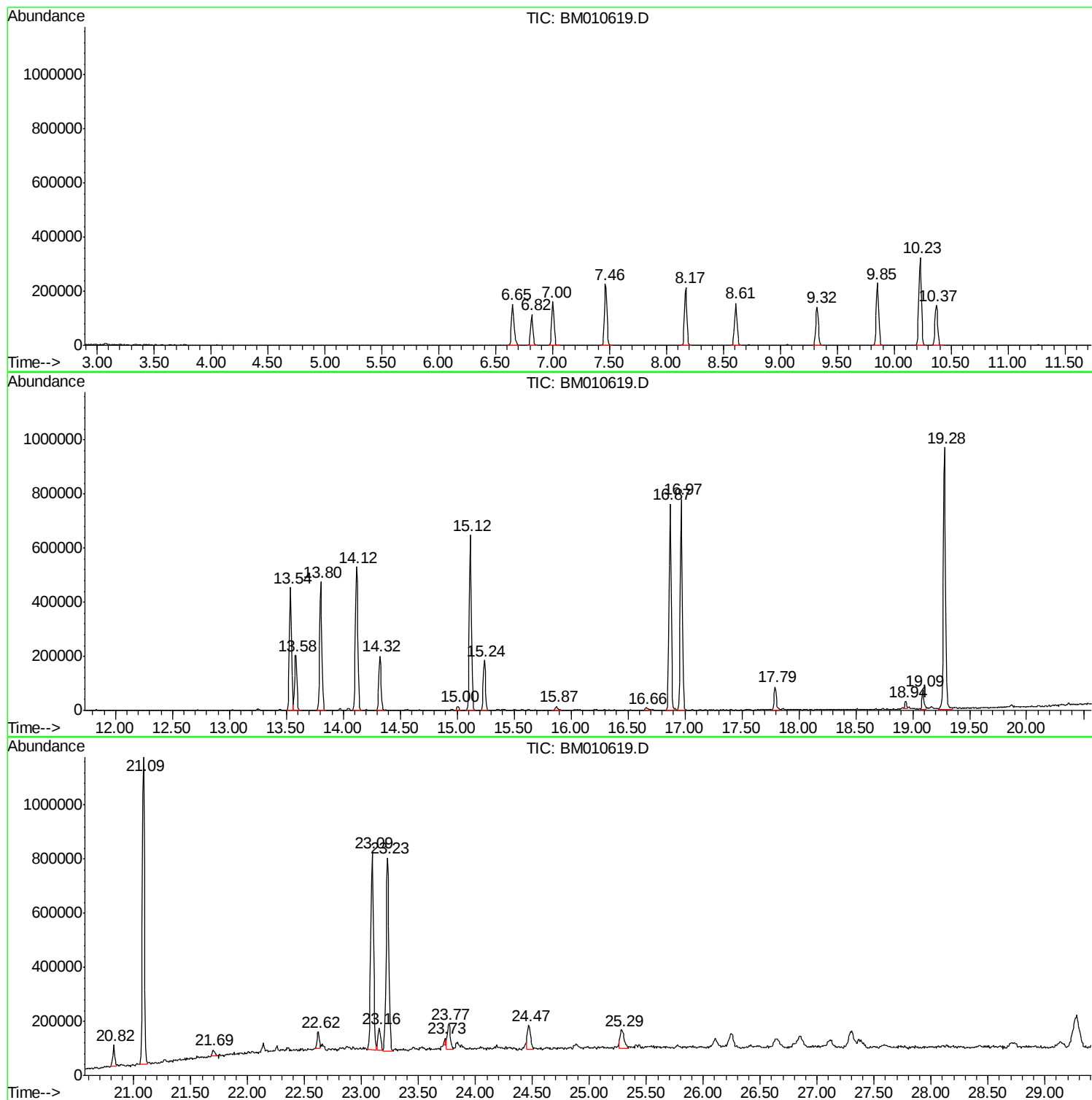
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TIC Library : C:\DATABASE\NIST11.L
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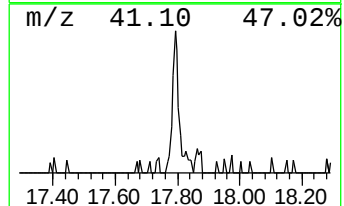
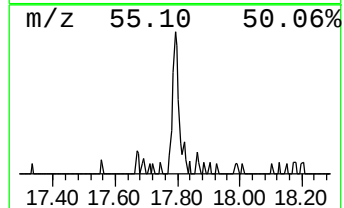
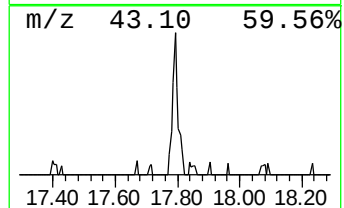
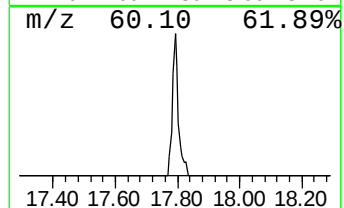
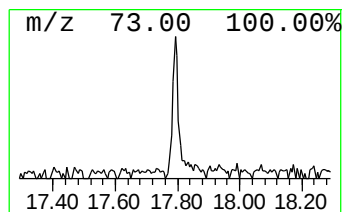
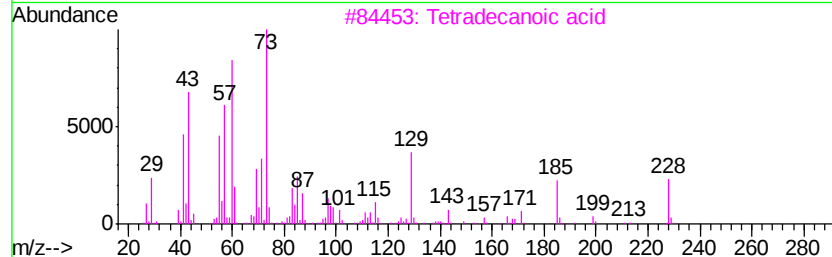
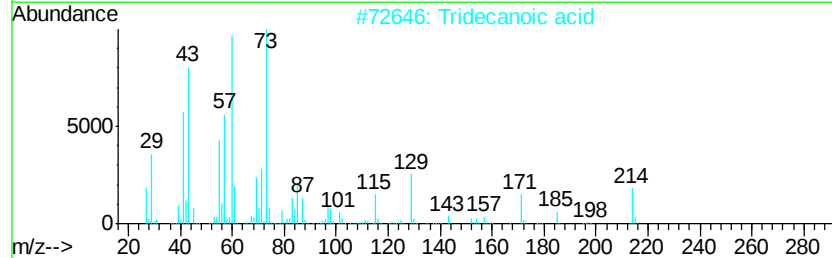
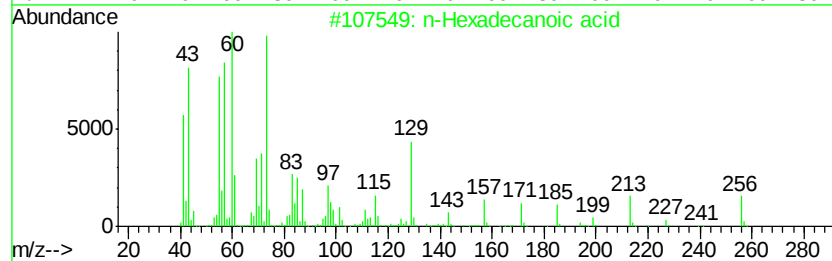
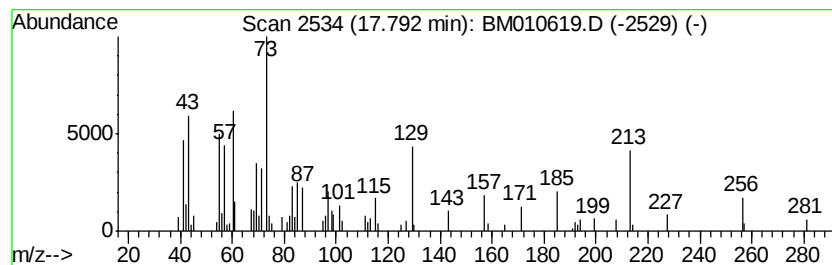
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.13 ng/ul	111997	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2		Tridecanoic acid	214	C13H26O2	000638-53-9	49
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4		Tridecanoic acid	214	C13H26O2	000638-53-9	49
5		Dodecanoic acid	200	C12H24O2	000143-07-7	47



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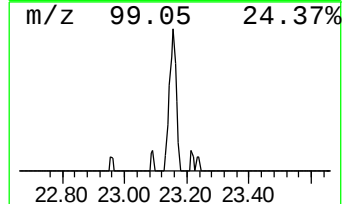
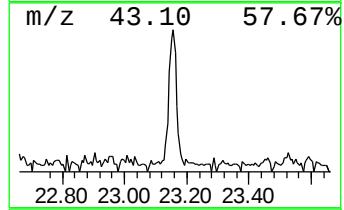
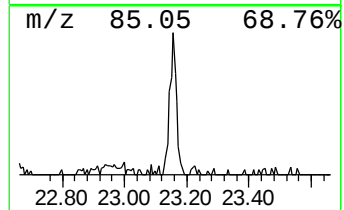
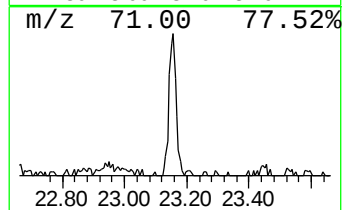
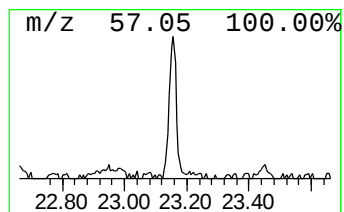
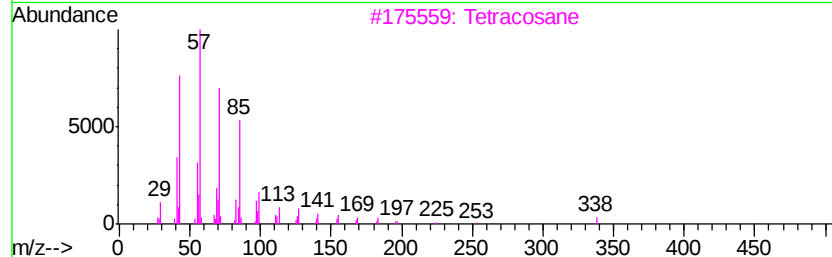
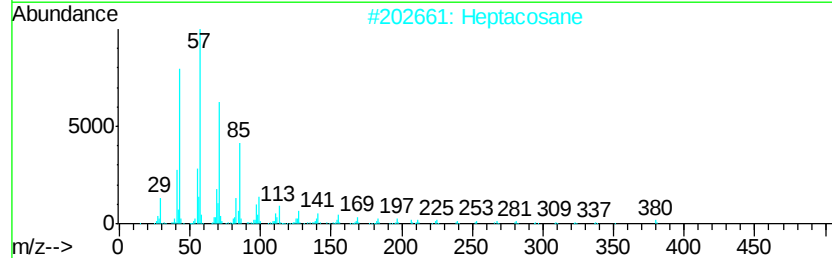
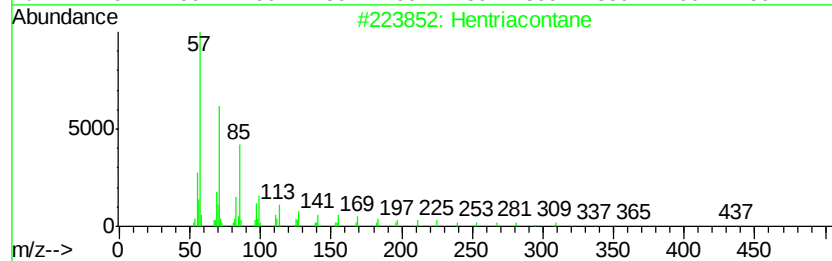
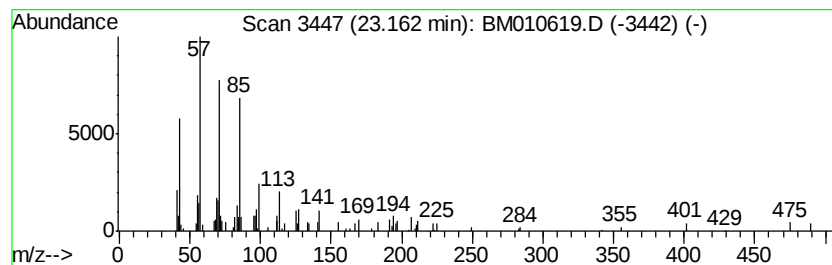
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	2.14 ng/ul	134184	Perylene-d12	23.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	86
2			Heptacosane	380	C27H56	000593-49-7	86
3			Tetracosane	338	C24H50	000646-31-1	80
4			2-Bromotetradecane	276	C14H29Br	074036-95-6	80
5			2-methyloctacosane	408	C29H60	1000376-72-8	80



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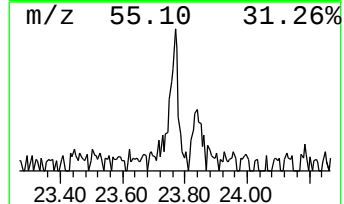
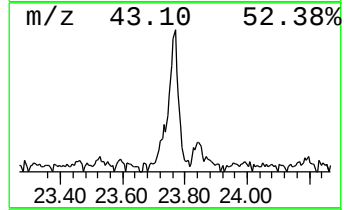
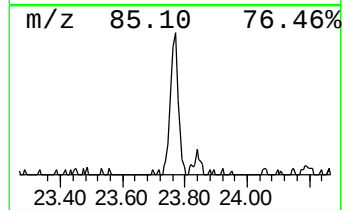
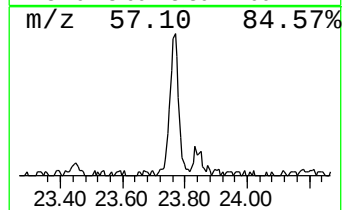
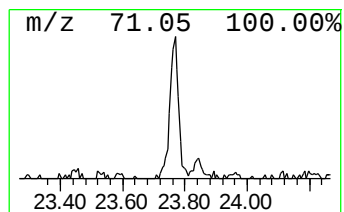
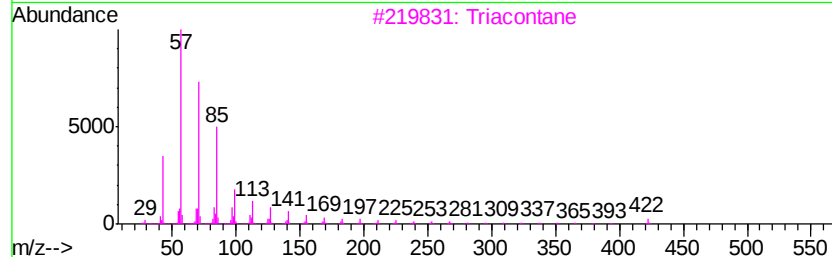
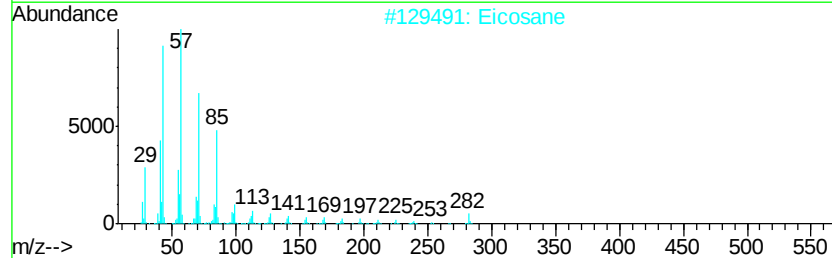
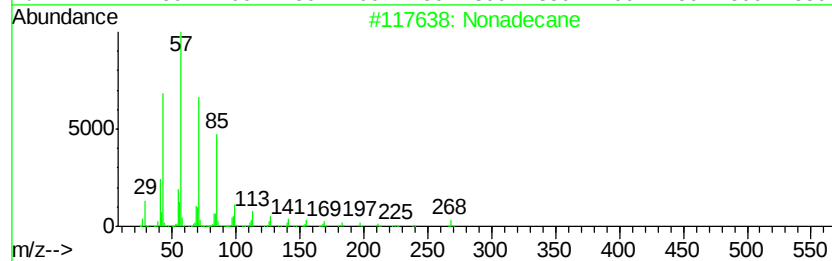
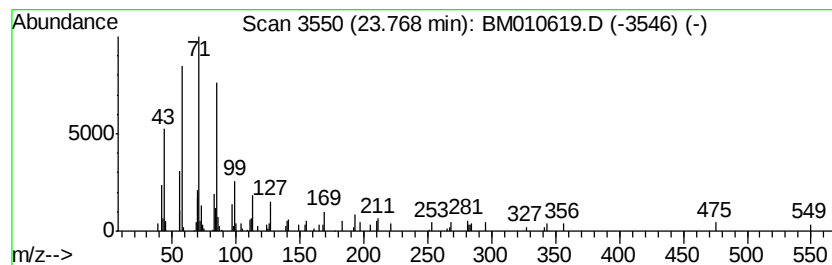
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 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.77	2.65 ng/ul	166189	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Eicosane	282	C20H42	000112-95-8	81
3		Triacontane	422	C30H62	000638-68-6	80
4		Hexacosane	366	C26H54	000630-01-3	80
5		Hentriacontane	437	C31H64	000630-04-6	80



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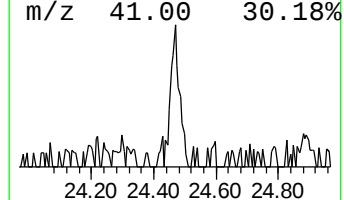
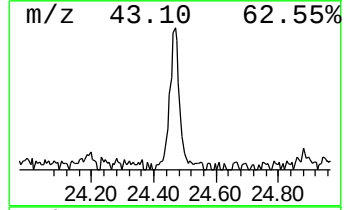
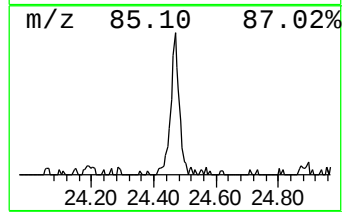
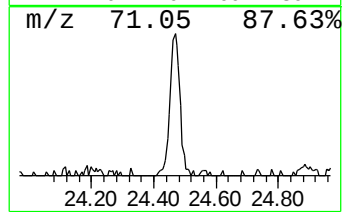
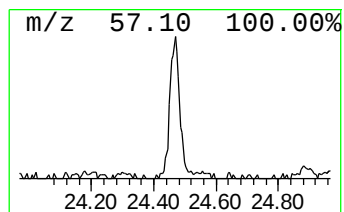
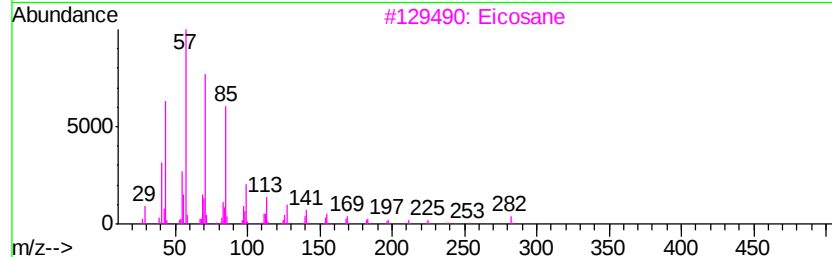
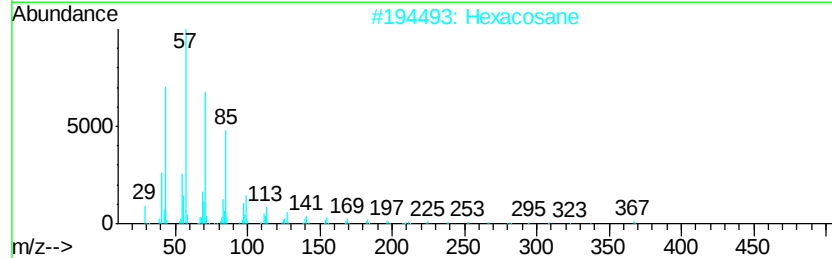
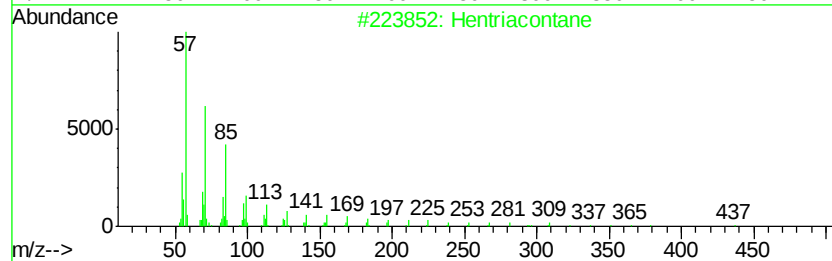
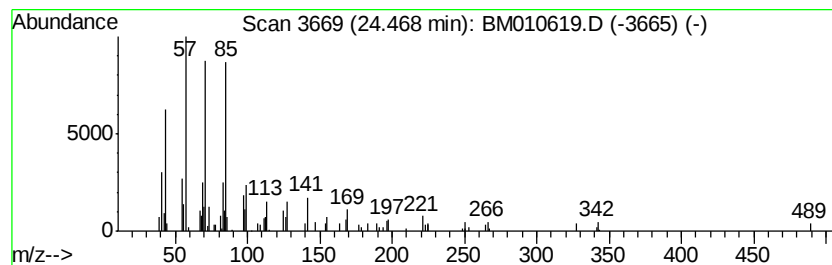
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.47	2.81 ng/ul	176287	Perylene-d12	23.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	83
2			Hexacosane	366	C26H54	000630-01-3	80
3			Eicosane	282	C20H42	000112-95-8	80
4			Heneicosane	296	C21H44	000629-94-7	80
5			Tetracosane	338	C24H50	000646-31-1	80



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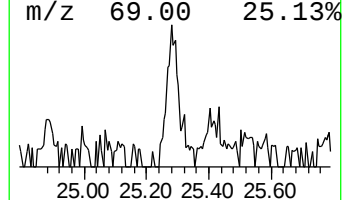
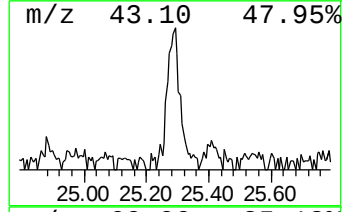
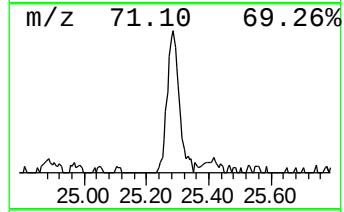
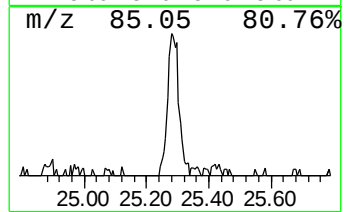
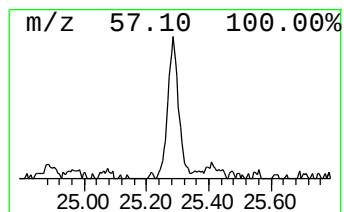
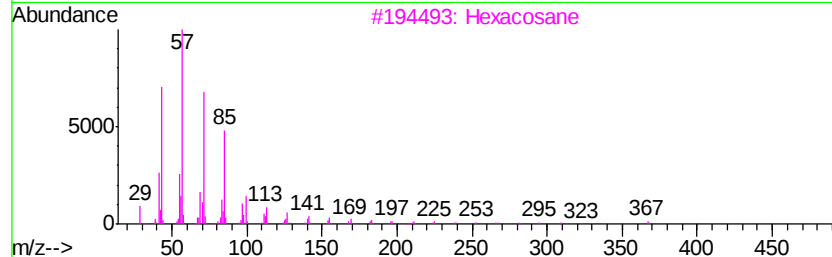
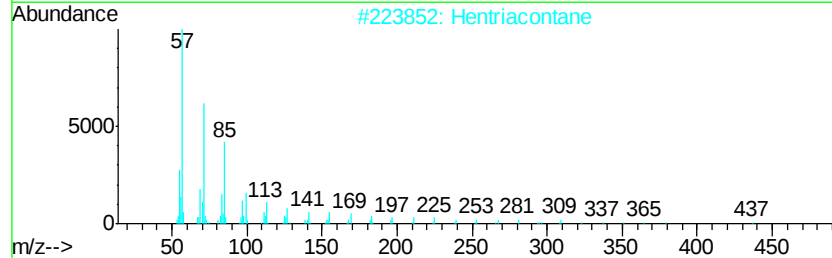
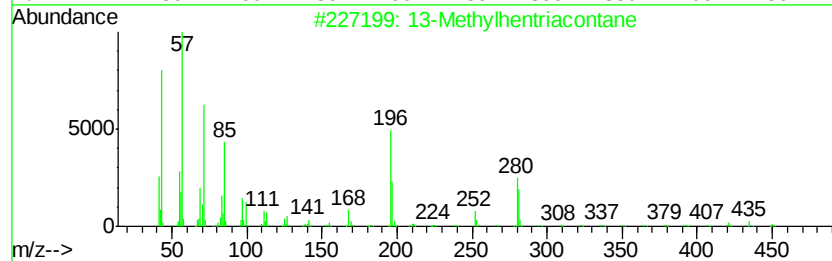
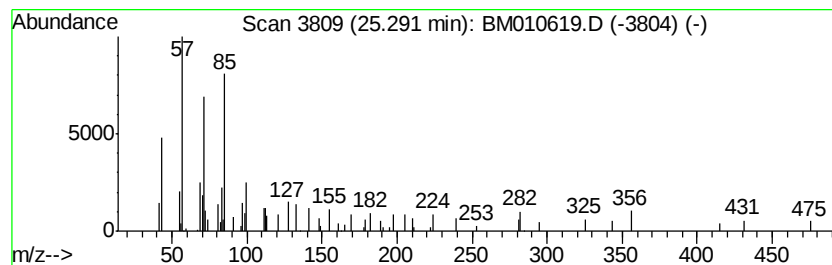
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.29	2.62 ng/ul	164529	Perylene-d12	23.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		13-Methylhentriacontane	451	C32H66	1000131-19-4	53
2		Hentriacontane	437	C31H64	000630-04-6	49
3		Hexacosane	366	C26H54	000630-01-3	46
4		2-methyloctacosane	408	C29H60	1000376-72-8	46
5		Tetracosane	338	C24H50	000646-31-1	46



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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.79	2.1	ng/ul	111997	4	16.87	1050310	20.0
(DEL) Alkane: Str...	23.16	2.1	ng/ul	134184	6	23.23	1253830	20.0
(DEL) Alkane: Str...	23.77	2.6	ng/ul	166189	6	23.23	1253830	20.0
(DEL) Alkane: Str...	24.47	2.8	ng/ul	176287	6	23.23	1253830	20.0
(DEL) Alkane: Str...	25.29	2.6	ng/ul	164529	6	23.23	1253830	20.0